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RAW SEQUENCE LISTING

DATE: 09/12/2002

PATENT APPLICATION: US/10/099,836B

TIME: 12:29:06

Input Set : A:\9196-022.txt

Output Set: N:\CRF4\09122002\J099836B.raw

SEQUENCE LISTING

C--> 5 (1) GENERAL INFORMATION:

7 (i) APPLICANT: Dasseux, Jean-Louis
 8 Sekul, Renate
 9 Buttner, Klaus
 10 Cornut, Isabelle
 11 Metz, Gunther
 12 Dufourcq, Jean

ENTFRED

C--> 14 (ii) TITLE OF INVENTION: APOLIPOPROTEIN A-I AGONISTS

15 AND THEIR USE TO TREAT DYSLIPIDEMIC DISORDERS

17 (iii) NUMBER OF SEQUENCES: 254

19 (iv) CORRESPONDENCE ADDRESS:

20 (A) ADDRESSEE: Pennie & Edmonds LLP
 21 (B) STREET: 1155 Avenue of the Americas
 22 (C) CITY: New York
 23 (D) STATE: NY
 24 (E) COUNTRY: USA
 25 (F) ZIP: 10036-2811

27 (v) COMPUTER READABLE FORM:

28 (A) MEDIUM TYPE: Diskette
 29 (B) COMPUTER: IBM Compatible
 30 (C) OPERATING SYSTEM: DOS
 31 (D) SOFTWARE: FastSEQ Version 2.0

33 (vi) CURRENT APPLICATION DATA:

C--> 34 (A) APPLICATION NUMBER: US/10/099,836B

C--> 35 (B) FILING DATE: 28-Aug-2002

36 (C) CLASSIFICATION:

38 (vii) PRIOR APPLICATION DATA:

39 (A) APPLICATION NUMBER:
 40 (B) FILING DATE:

44 (viii) ATTORNEY/AGENT INFORMATION:

45 (A) NAME: Coruzzi, Laura A
 46 (B) REGISTRATION NUMBER: 30,742
 47 (C) REFERENCE/DOCKET NUMBER: 009196-0004-999

49 (ix) TELECOMMUNICATION INFORMATION:

50 (A) TELEPHONE: 650-493-4935
 51 (B) TELEFAX: 650-493-5556
 52 (C) TELEX: 66141 PENNIE

55 (2) INFORMATION FOR SEQ ID NO: 1:

57 (i) SEQUENCE CHARACTERISTICS:

58 (A) LENGTH: 22 amino acids
 59 (B) TYPE: amino acid
 60 (C) STRANDEDNESS: single

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61          (D) TOPOLOGY: linear
W--> 63      (ii) MOLECULE TYPE: None
64      (ix) FEATURE:
66          (A) NAME/KEY: Other
67          (B) LOCATION: 16
68          (D) OTHER INFORMATION: Xaa = Naphthylalanine
71      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
W--> 73  Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Leu Leu Glu Xaa
74      1          5          10          15
75  Leu Lys Gln Lys Leu Lys
76      20
78 (2) INFORMATION FOR SEQ ID NO: 2:
80      (i) SEQUENCE CHARACTERISTICS:
81          (A) LENGTH: 23 amino acids
82          (B) TYPE: amino acid
83          (C) STRANDEDNESS: single
84          (D) TOPOLOGY: linear
W--> 86      (ii) MOLECULE TYPE: None
88      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
90  Gly Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Leu Leu Glu Ala
91      1          5          10          15
92  Leu Lys Gln Lys Leu Lys Lys
93      20
95 (2) INFORMATION FOR SEQ ID NO: 3:
97      (i) SEQUENCE CHARACTERISTICS:
98          (A) LENGTH: 22 amino acids
99          (B) TYPE: amino acid
100         (C) STRANDEDNESS: single
101         (D) TOPOLOGY: linear
W--> 103     (ii) MOLECULE TYPE: None
105     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
107  Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Leu Leu Glu Trp
108      1          5          10          15
109  Leu Lys Gln Lys Leu Lys
110      20
112 (2) INFORMATION FOR SEQ ID NO: 4:
114     (i) SEQUENCE CHARACTERISTICS:
115         (A) LENGTH: 22 amino acids
116         (B) TYPE: amino acid
117         (C) STRANDEDNESS: single
118         (D) TOPOLOGY: linear
W--> 120     (ii) MOLECULE TYPE: None
122     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
124  Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Leu Leu Glu Ala
125      1          5          10          15
126  Leu Lys Gln Lys Leu Lys
127      20
129 (2) INFORMATION FOR SEQ ID NO: 5:
131     (i) SEQUENCE CHARACTERISTICS:

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132      (A) LENGTH: 23 amino acids
133      (B) TYPE: amino acid
134      (C) STRANDEDNESS: single
135      (D) TOPOLOGY: linear
W--> 137      (ii) MOLECULE TYPE: None
138      (ix) FEATURE:
139          (A) NAME/KEY: Other
140          (B) LOCATION: 1
141          (D) OTHER INFORMATION: Xaa = D-Pro
142      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
W--> 147      Xaa Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Leu Leu Glu Ala
148          1          5          10          15
149      Leu Lys Gln Lys Leu Lys Lys
150          20
152 (2) INFORMATION FOR SEQ ID NO: 6:
153      (i) SEQUENCE CHARACTERISTICS:
154          (A) LENGTH: 22 amino acids
155          (B) TYPE: amino acid
156          (C) STRANDEDNESS: single
157          (D) TOPOLOGY: linear
W--> 160      (ii) MOLECULE TYPE: None
161      (ix) FEATURE:
162          (A) NAME/KEY: Other
163          (B) LOCATION: 13
164          (D) OTHER INFORMATION: Xaa = Aib
165      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
W--> 170      Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Xaa Leu Glu Ala
171          1          5          10          15
172      Leu Lys Gln Lys Leu Lys
173          20
175 (2) INFORMATION FOR SEQ ID NO: 7:
176      (i) SEQUENCE CHARACTERISTICS:
177          (A) LENGTH: 22 amino acids
178          (B) TYPE: amino acid
179          (C) STRANDEDNESS: single
180          (D) TOPOLOGY: linear
W--> 183      (ii) MOLECULE TYPE: None
184      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
185      Pro Val Leu Asp Leu Phe Lys Glu Leu Leu Asn Glu Leu Leu Glu Ala
186          1          5          10          15
187      Leu Lys Gln Lys Leu Lys
188          20
192 (2) INFORMATION FOR SEQ ID NO: 8:
193      (i) SEQUENCE CHARACTERISTICS:
194          (A) LENGTH: 22 amino acids
195          (B) TYPE: amino acid
196          (C) STRANDEDNESS: single
197          (D) TOPOLOGY: linear
W--> 200      (ii) MOLECULE TYPE: None

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202      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
204  Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Gly Leu Glu Ala
205    1             5             10             15
206  Leu Lys Gln Lys Leu Lys
207                20
209 (2) INFORMATION FOR SEQ ID NO: 9:
211      (i) SEQUENCE CHARACTERISTICS:
212          (A) LENGTH: 22 amino acids
213          (B) TYPE: amino acid
214          (C) STRANDEDNESS: single
215          (D) TOPOLOGY: linear
W--> 217      (ii) MOLECULE TYPE: None
219      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
221  Pro Val Leu Asp Leu Phe Arg Glu Leu Gly Asn Glu Leu Leu Glu Ala
222    1             5             10             15
223  Leu Lys Gln Lys Leu Lys
224                20
226 (2) INFORMATION FOR SEQ ID NO: 10:
228      (i) SEQUENCE CHARACTERISTICS:
229          (A) LENGTH: 22 amino acids
230          (B) TYPE: amino acid
231          (C) STRANDEDNESS: single
232          (D) TOPOLOGY: linear
W--> 234      (ii) MOLECULE TYPE: None
235      (ix) FEATURE:
237          (A) NAME/KEY: Other
238          (B) LOCATION: 17
239          (D) OTHER INFORMATION: Xaa = Naphthylalanine
242      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
244  Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Leu Leu Glu Ala
245    1             5             10             15
W--> 246  Xaa Lys Gln Lys Leu Lys
247                20
249 (2) INFORMATION FOR SEQ ID NO: 11:
251      (i) SEQUENCE CHARACTERISTICS:
252          (A) LENGTH: 22 amino acids
253          (B) TYPE: amino acid
254          (C) STRANDEDNESS: single
255          (D) TOPOLOGY: linear
W--> 257      (ii) MOLECULE TYPE: None
259      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
261  Pro Val Leu Asp Leu Phe Lys Glu Leu Leu Gln Glu Leu Leu Glu Ala
262    1             5             10             15
263  Leu Lys Gln Lys Leu Lys
264                20
266 (2) INFORMATION FOR SEQ ID NO: 12:
268      (i) SEQUENCE CHARACTERISTICS:
269          (A) LENGTH: 22 amino acids
270          (B) TYPE: amino acid

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271          (C) STRANDEDNESS: single
272          (D) TOPOLOGY: linear
W--> 274      (ii) MOLECULE TYPE: None
276      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
278  Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Leu Leu Glu Ala
279    1          5          10          15
280  Gly Lys Gln Lys Leu Lys
281          20
283 (2) INFORMATION FOR SEQ ID NO: 13:
285      (i) SEQUENCE CHARACTERISTICS:
286          (A) LENGTH: 22 amino acids
287          (B) TYPE: amino acid
288          (C) STRANDEDNESS: single
289          (D) TOPOLOGY: linear
W--> 291      (ii) MOLECULE TYPE: None
293      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
295  Gly Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Gly Leu Glu Ala
296    1          5          10          15
297  Leu Lys Gln Lys Leu Lys
298          20
300 (2) INFORMATION FOR SEQ ID NO: 14:
302      (i) SEQUENCE CHARACTERISTICS:
303          (A) LENGTH: 22 amino acids
304          (B) TYPE: amino acid
305          (C) STRANDEDNESS: single
306          (D) TOPOLOGY: linear
W--> 308      (ii) MOLECULE TYPE: None
309      (ix) FEATURE:
316          (A) NAME/KEY: Other
312          (B) LOCATION: 18
313          (D) OTHER INFORMATION: Xaa = Orn
326      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
328  Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Leu Leu Glu Ala
329    1          5          10          15
W--> 330  Leu Xaa Gln Xaa Leu Xaa
331          20
333 (2) INFORMATION FOR SEQ ID NO: 15:
335      (i) SEQUENCE CHARACTERISTICS:
336          (A) LENGTH: 22 amino acids
337          (B) TYPE: amino acid
338          (C) STRANDEDNESS: single
339          (D) TOPOLOGY: linear
W--> 341      (ii) MOLECULE TYPE: None
343      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:
345  Pro Val Leu Asp Leu Phe Arg Glu Leu Trp Asn Glu Leu Leu Glu Ala
346    1          5          10          15
347  Leu Lys Gln Lys Leu Lys
348          20
350 (2) INFORMATION FOR SEQ ID NO: 16:

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